LUMBSCH, H. T. *Lecanora argentea* Oxner & Volkova, the Correct Name for *L. fuliginosa* Brodo, and Comments on Related Species 430
MAGILL, R. E. Recent Literature on Mosses—151, 153 ..... 128, 363
MAYRHOFER, H., J. W. SHEARD & M. MATZER. *Mobergia* (Physciaceae, Lichenized Ascomycetes), a New Genus Endemic to Western North America 436
MCCUNE, B. & P. LESICA. The Trade-off between Species Capture and Quantitative Accuracy in Ecological Inventory of Lichens and Bryophytes in Forests in Montana 296
MCCUNE, B. & R. ROSENTRETER. *Texosporium sancti-jacobi,* a Rare Western North American Lichen 329
MERRILL, G. L. S. Notes on North American Polytrichaceae: *Polytrichastrum* 270
MISHLER, B. D., P. H. THRALL, J. S. HOPPLE, JR., E. DE LUNA & R. VILGALYS. A Molecular Approach to the Phylogeny of Bryophytes: Cladistic Analysis of Chloroplast-Encoded 16S and 23S Ribosomal RNA Genes 172
MOHAMED, H. & W. D. REESE. *Syrrhopodon stonae,* New to Malaya, and Notes on Other Malayan Calymperaceae 88
OCHYRA, R., H. BEDNAREK-OCHYRA, T. PÓCS & M. R. CROSBY. The Moss *Adelothecium bogotense* in Continental Africa, with a Review of Its World Range 287
PFEIFFER, H. N. & P. BARCLAY-ESTRUP. The Use of a Single Lichen Species, *Hypogymnia physodes,* as an Indicator of Air Quality in Northwestern Ontario 38
PURSELL, R. A. The Occurrence of Fertile *Fissidens fontanus* in Mexico 92
REDFEARN, P. L., JR. & R. E. MAGILL. Three Species of *Fissidens* New to Mainland China, and a Second Collection of *F. brevinervis* (Musci: Fissidentaceae) 171
REESE, W. D. *Syrrhopodon cyrtacanthos,* a New Species of Moss from Australia 94
ROSENTRETER, R. & B. MCCUNE. Vagrant *Dermatocarpon* in Western North America 15
RUDOLPH, E. D. Review 257
RYAN, B. D. Review 488
SANDERS, W. B. Comparative in situ Studies of Thallus Net Development in Morphologically Distinct Populations of the Lichen *Ramalina menziesii* 192
SCHUSTER, R. M. On *Megaceros aenigmaticus* Schust. 305
SHEARD, J. W. The Lichenized Ascomycete Genus *Hafellia* in North America 79
SHOWMAN, R. E. & R. P. LONG. Lichen Studies along a Wet Sulfate Deposition Gradient in Pennsylvania 166
STARK, L. R. & A. T. WHITTEMORE. Additions to the Bryoflora of Southern California 65
STONEBURNER, A., D. M. LANE & L. E. ANDERSON. Spore Dispersal Distances in *Atrichum angustatum* (Polytrichaceae) 324
STOTLER, R. E. Review 373
STOTLER, R. E. & B. CRANDALL-STOTLER. Recent Literature on Hepatics and Anthocerotes—127, 128, 129, 130 ..... 100, 235, 345, 461
TALBOT, S. S., S. L. TALBOT & J. W. THOMSON. Lichens of Tuxedni Wilderness Area, Alaska 20
THIERS, B. M. Review 257
THIERS, B. M. & K. S. G. EMORY. The History of Bryology in California 68
THOMSON, J. W. Review 488
THOMSON, J. W. & W. A. WEBER. Lichens Collected on the Arctic Excursion of the 9th International Botanical Congress (Montreal) in 1959 392
TIXIER, P. Deux Espèces Nouvelles Malgaches du Genre *Calymperopsis* (Musci) 284
TØNSBERG, T. *Rinodina sheardii,* a New Lichen Species from Northwest Europe and Northwest North America 216
TØNSBERG, T. & I. M. BRODO. *Enterographa zonata* and *Opegrapha gyrocarpa* New to North America 225
VAN ROOY, J. & A. E. VAN WYK. A Conspectus of the Subfamily Macromitrioideae (Bryopsida: Orthotrichaceae) in Southern Africa 205
WATKINSON, S. C. & F. WATT. The Cellular Localisation of Elements in Leaf Cells of *Sphagnum* with the Scanning Proton Microprobe 181
WHITTEMORE, A. T. Reviews 258, 372
WRIGHT, D. *Thamnolia* (Ascomycotina: Lichenes Imperfecti): First Find for California and Correction of Published Mapping of the Genus 458
YANO, O. & H. CRUM. *Sphagnum tabuleirense,* a New Species from Brazil 343